

ABSTRACT OF THE DISCLOSURE

A pulse modulator comprises a delay arrangement for receiving a first sequence of pulses and for delaying 5 each received pulse several times to obtain a plurality of sequences of pulses having different phases. The pulse modulator further comprises a selection component for receiving from the delay arrangement a plurality of sequences of pulses having different phases, for 10 receiving a modulating signal, wherein each possible value of the modulating signal is associated to one of the different phases, for selecting for each pulse of the first sequence of pulses a pulse of the respective sequence of pulses which sequence of pulses has a phase 15 associated to a current value of the modulating signal, and for outputting the selected pulse as part of a pulse position modulated sequence of pulses. The invention relates equally to a modulating system comprising such a phase modulator and to a corresponding method.

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